

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057596.D
 Acq On : 26 May 2023 23:15
 Operator : CG/JU
 Sample : PB153080BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153080BL

Quant Time: May 27 02:31:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

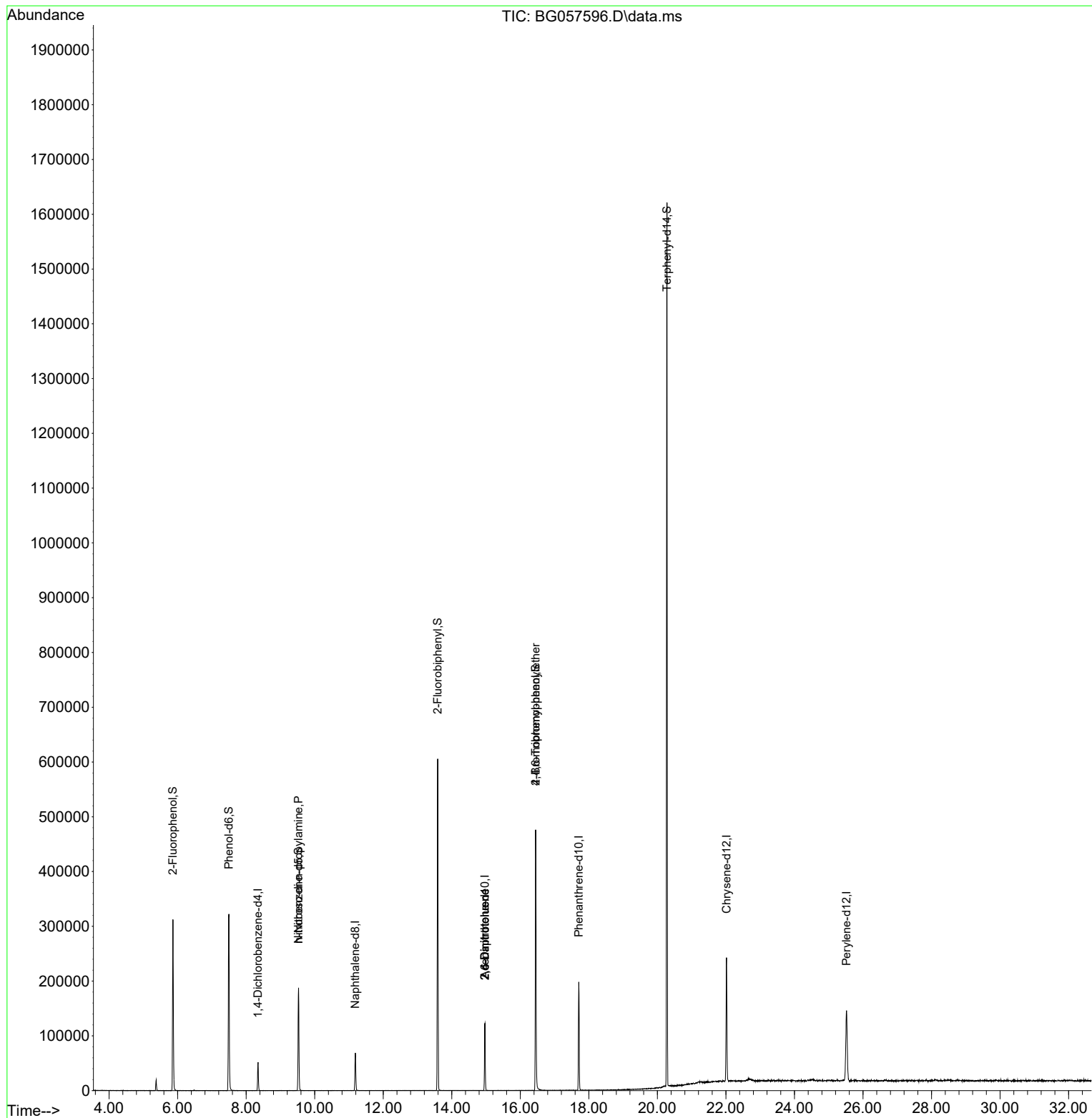
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	14927	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	61593	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	46429	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	134819	20.000	ng	0.00
76) Chrysene-d12	22.018	240	148286	20.000	ng	0.00
86) Perylene-d12	25.519	264	158672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	139177	161.984	ng	0.00
7) Phenol-d6	7.497	99	207511	154.324	ng	0.00
23) Nitrobenzene-d5	9.529	82	126281	95.841	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	104522	140.611	ng	0.00
45) 2-Fluorobiphenyl	13.588	172	320893	99.326	ng	0.00
79) Terphenyl-d14	20.279	244	863748	100.900	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.529	70	16966	18.161	ng	# 76
51) 2,6-Dinitrotoluene	14.963	165	5836	7.125	ng	# 27
57) 2,4-Dinitrotoluene	14.963	165	5836	4.758	ng	# 25
67) 4-Bromophenyl-phenylether	16.449	248	7329	4.846	ng	# 1

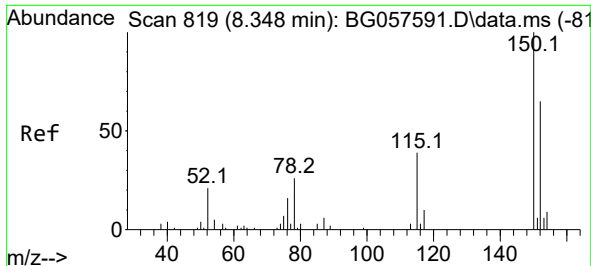
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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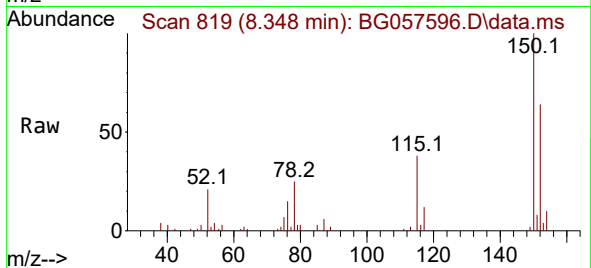
Quant Time: May 27 02:31:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 23:44:40 2023
Response via : Initial Calibration



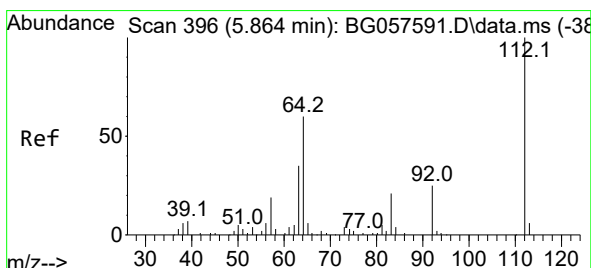
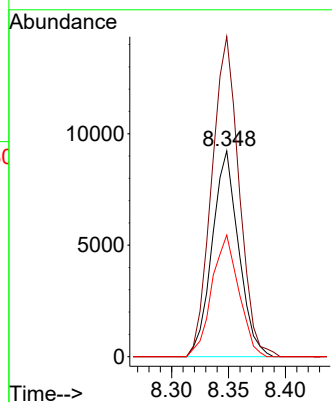
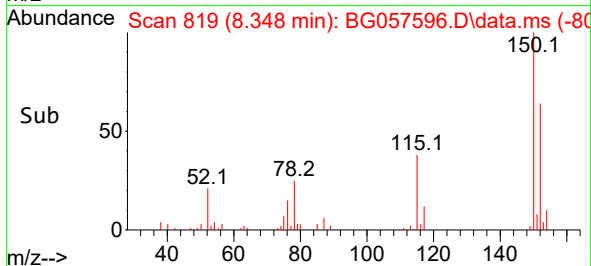


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.348 min Scan# 819
Delta R.T. 0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

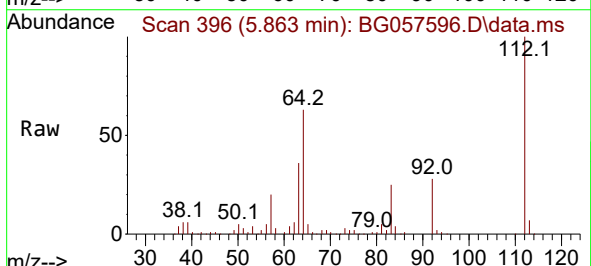
Instrument :
BNA_G
ClientSampleId :
PB153080BL



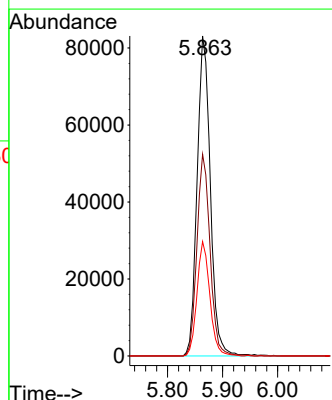
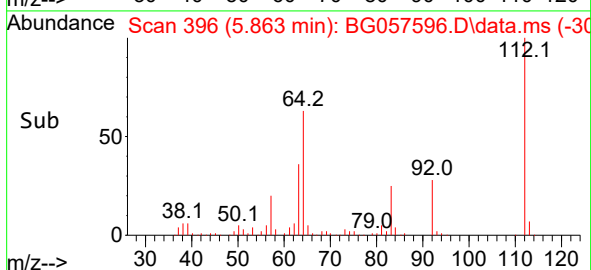
Tgt Ion:152 Resp: 14927
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 59.1 47.4 71.2

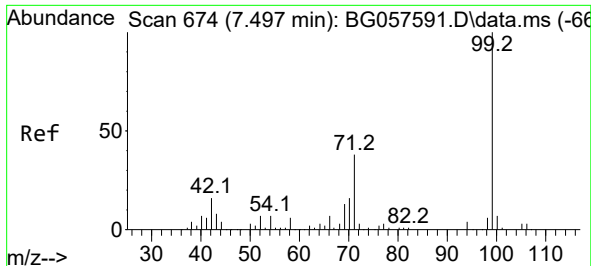


#5
2-Fluorophenol
Concen: 161.984 ng
RT: 5.863 min Scan# 396
Delta R.T. -0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15



Tgt Ion:112 Resp: 139177
Ion Ratio Lower Upper
112 100
64 63.1 47.8 71.6
63 35.8 27.8 41.8

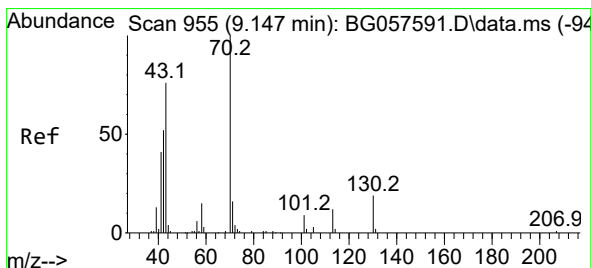
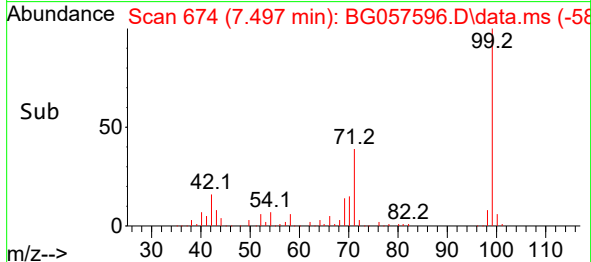
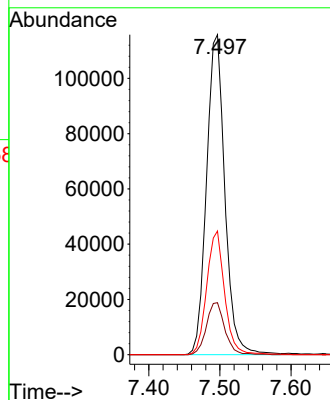
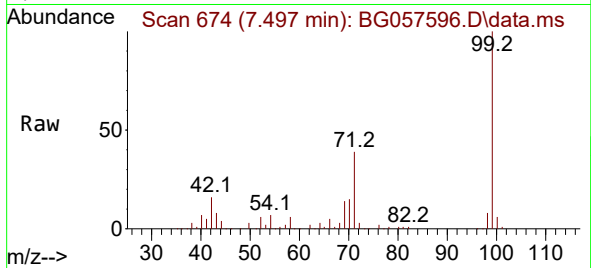




#7
Phenol-d6
Concen: 154.324 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

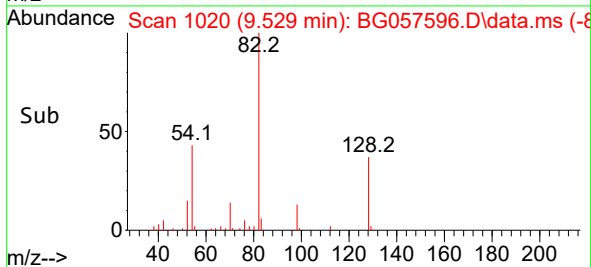
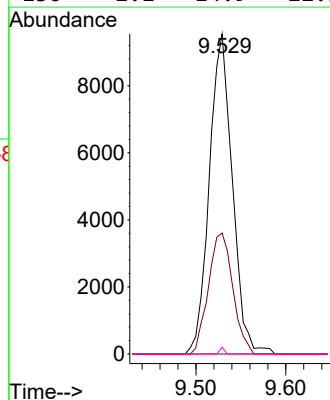
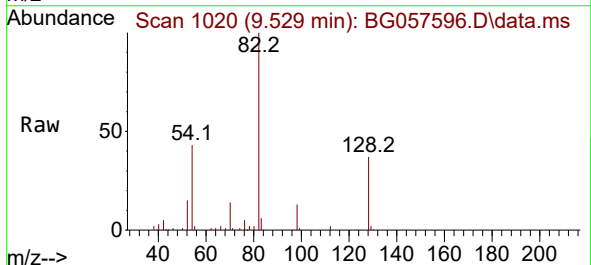
Instrument :
BNA_G
ClientSampleId :
PB153080BL

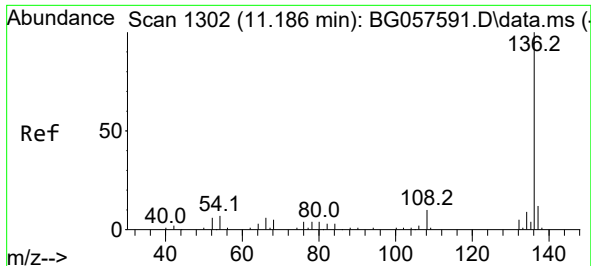
Tgt Ion: 99 Resp: 207511
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 38.6 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.161 ng
RT: 9.529 min Scan# 1020
Delta R.T. 0.382 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

Tgt Ion: 70 Resp: 16966
Ion Ratio Lower Upper
70 100
42 37.8 41.4 62.0#
101 0.0 6.9 10.3#
130 2.1 14.9 22.3#





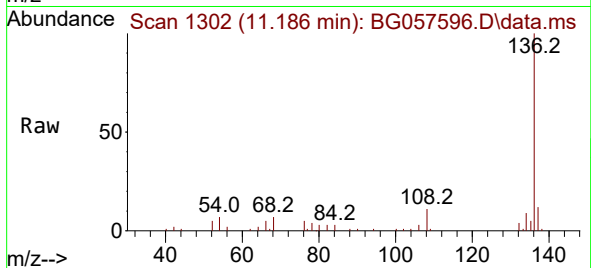
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 111
Delta R.T. -0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

Instrument :

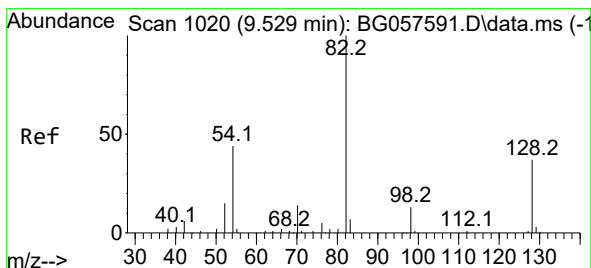
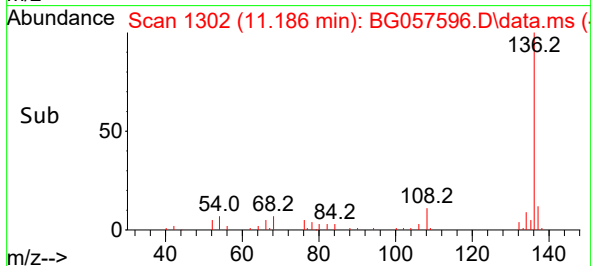
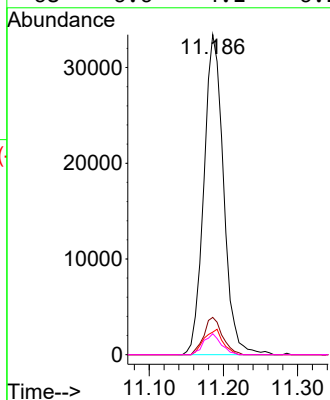
BNA_G

ClientSampleId :

PB153080BL

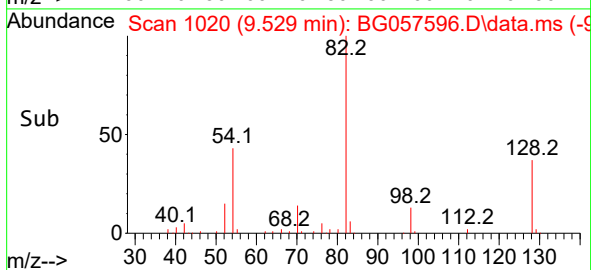
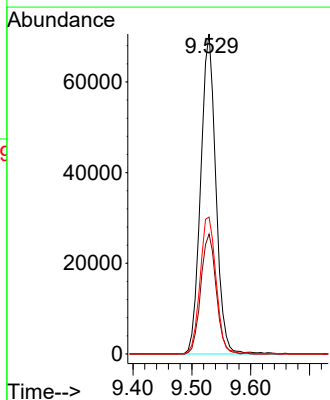
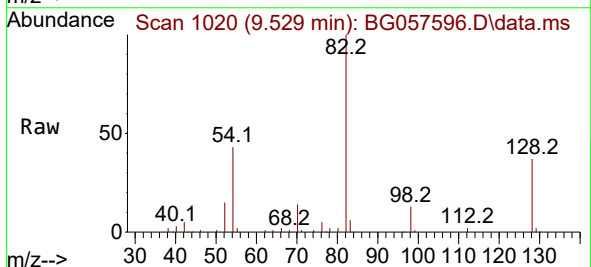


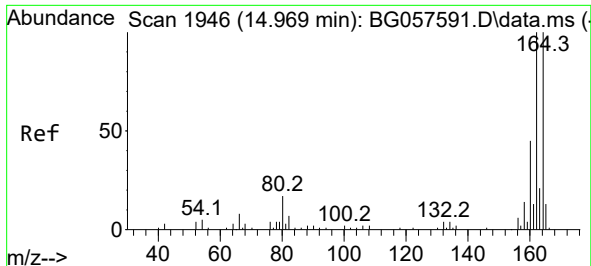
Tgt Ion:136 Resp: 61593
Ion Ratio Lower Upper
136 100
137 11.7 9.8 14.8
54 7.1 5.8 8.6
68 6.6 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 95.841 ng
RT: 9.529 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

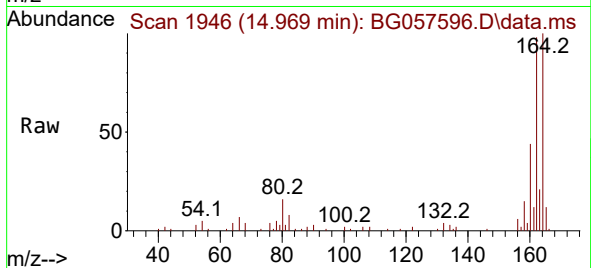
Tgt Ion: 82 Resp: 126281
Ion Ratio Lower Upper
82 100
128 37.5 30.0 45.0
54 42.8 35.2 52.8



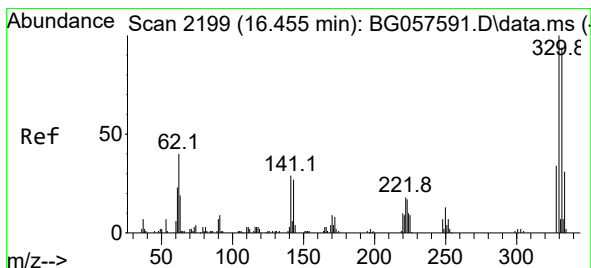
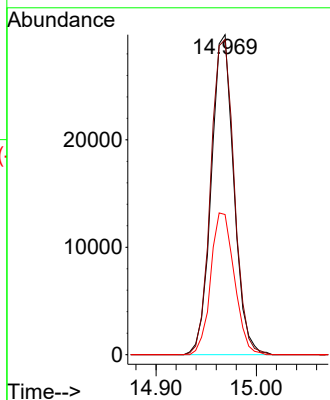
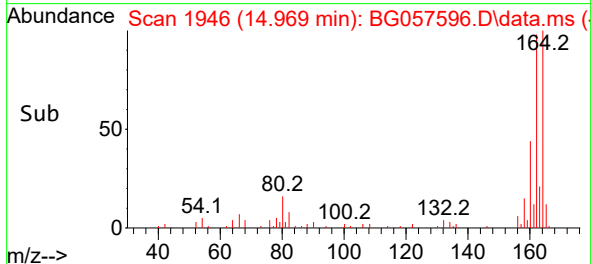


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

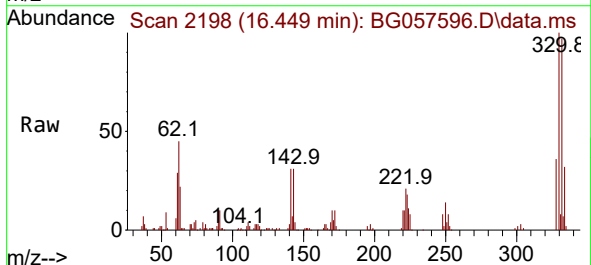
Instrument :
BNA_G
ClientSampleId :
PB153080BL



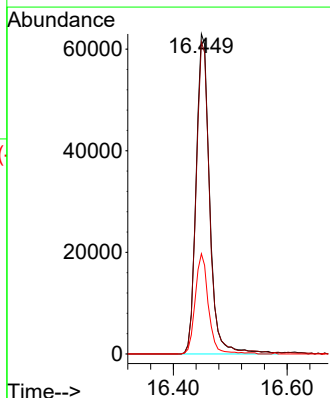
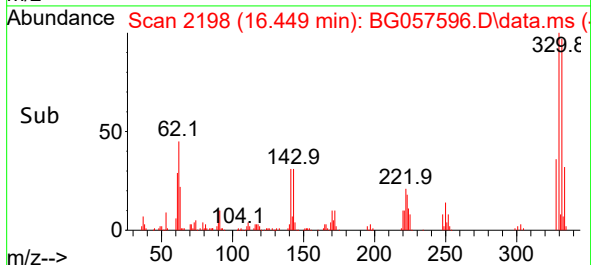
Tgt Ion:164 Resp: 46429
Ion Ratio Lower Upper
164 100
162 98.4 80.1 120.1
160 43.8 35.9 53.9

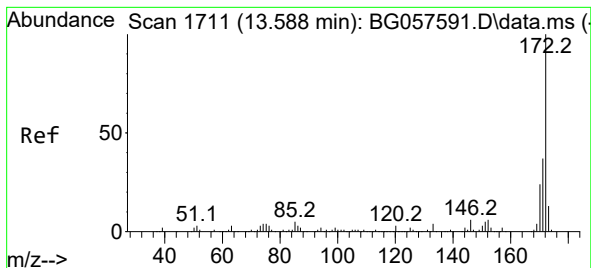


#42
2,4,6-Tribromophenol
Concen: 140.611 ng
RT: 16.449 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15



Tgt Ion:330 Resp: 104522
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 30.6 24.6 37.0

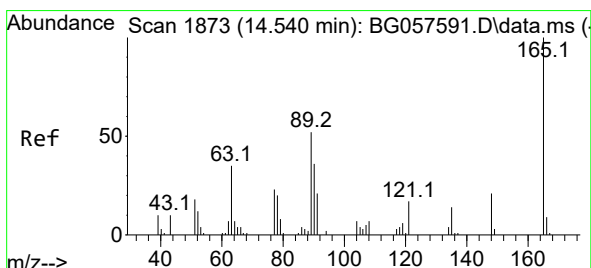
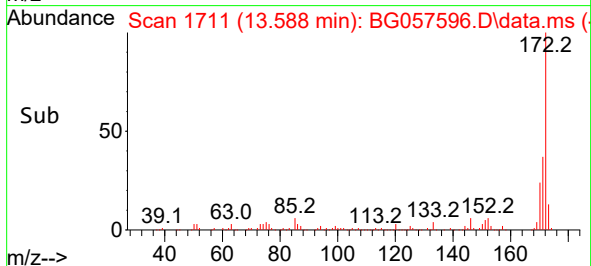
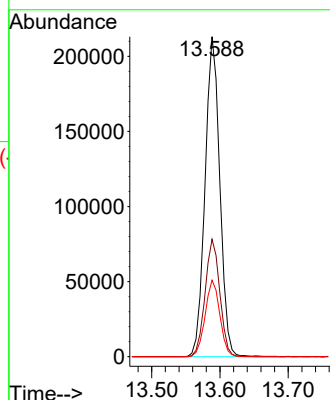
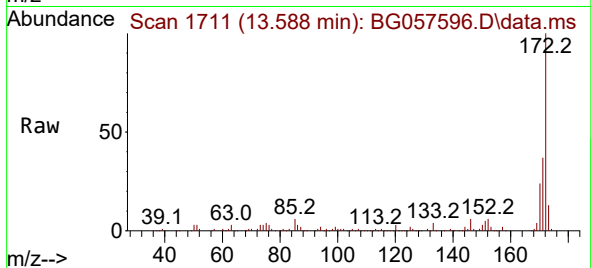




#45
2-Fluorobiphenyl
Concen: 99.326 ng
RT: 13.588 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

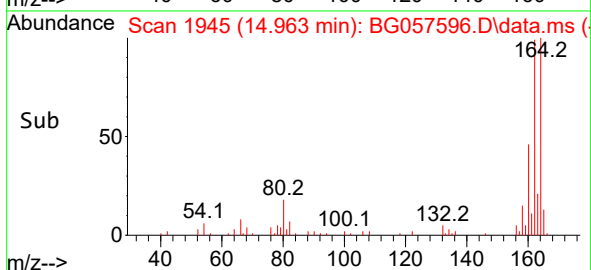
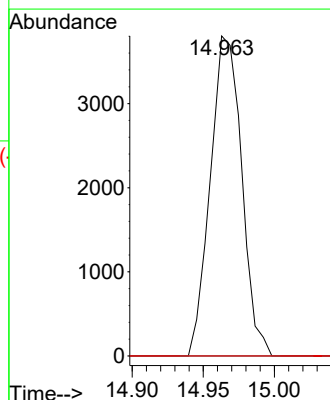
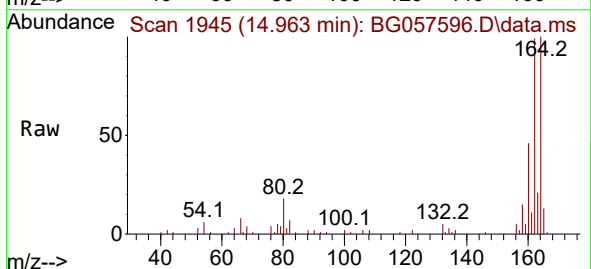
Instrument :
BNA_G
ClientSampleId :
PB153080BL

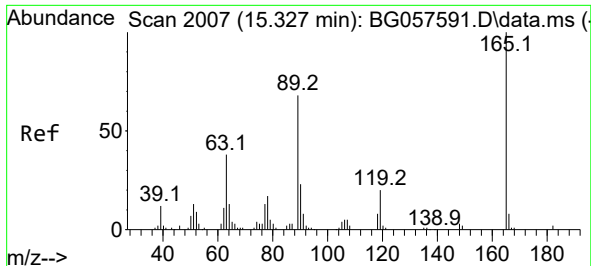
Tgt Ion:172 Resp: 320893
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 23.9 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.125 ng
RT: 14.963 min Scan# 1945
Delta R.T. 0.423 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

Tgt Ion:165 Resp: 5836
Ion Ratio Lower Upper
165 100
63 0.0 39.3 58.9#
89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 4.758 ng

RT: 14.963 min Scan# 1945

Delta R.T. -0.364 min

Lab File: BG057596.D

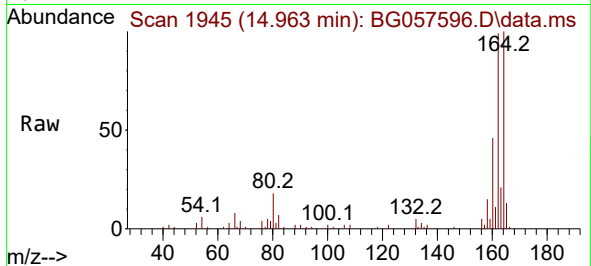
Acq: 26 May 2023 23:15

Instrument :

BNA_G

ClientSampleId :

PB153080BL



Tgt Ion:165 Resp: 5836

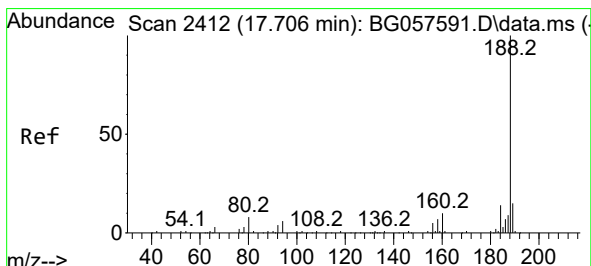
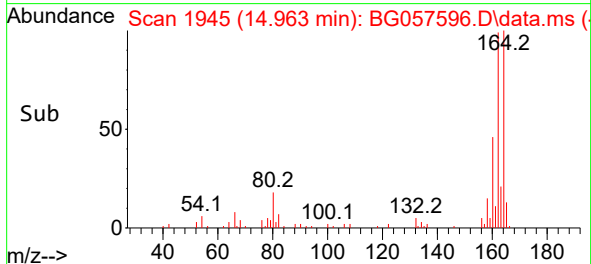
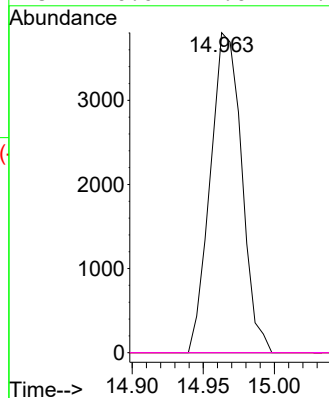
Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

89 0.0 54.2 81.2#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.706 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BG057596.D

Acq: 26 May 2023 23:15

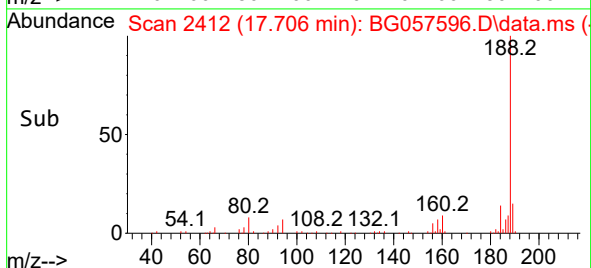
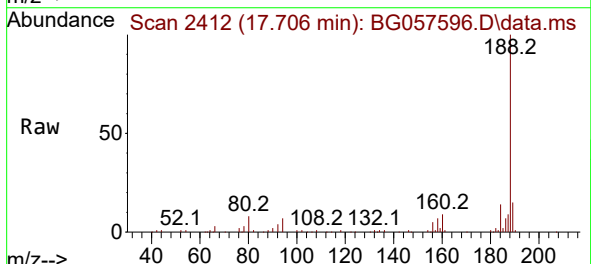
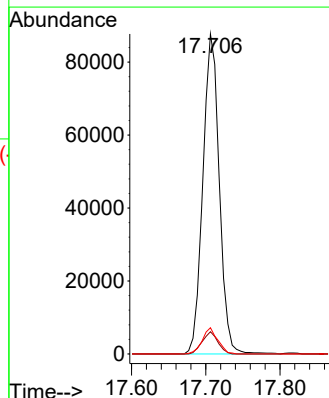
Tgt Ion:188 Resp: 134819

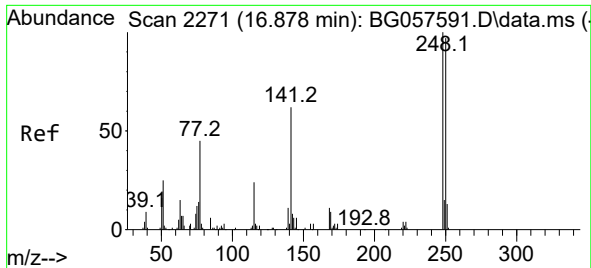
Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

80 8.2 6.7 10.1

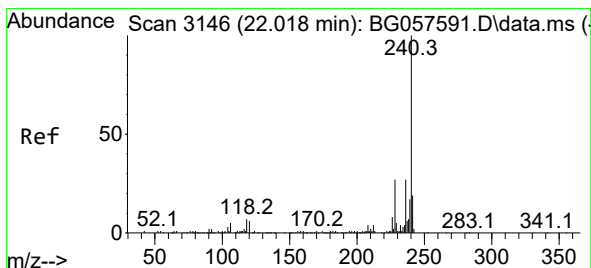
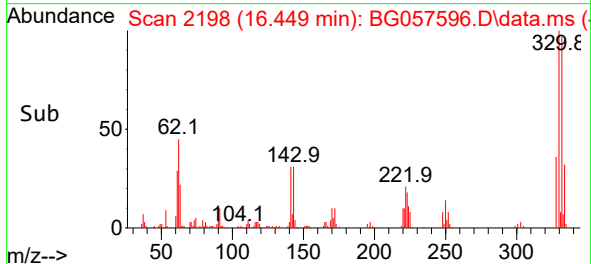
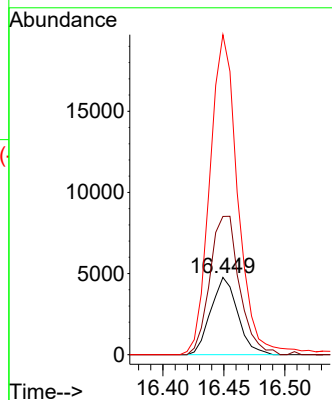
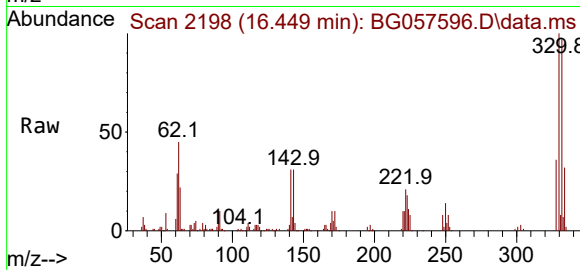




#67
4-Bromophenyl-phenylether
Concen: 4.846 ng
RT: 16.449 min Scan# 2198
Delta R.T. -0.429 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

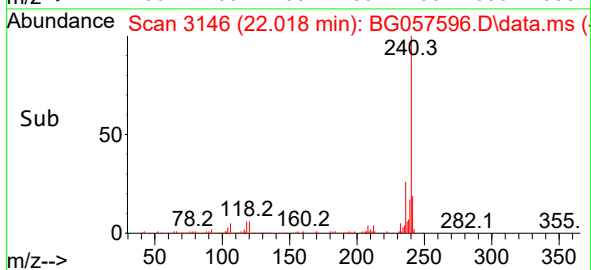
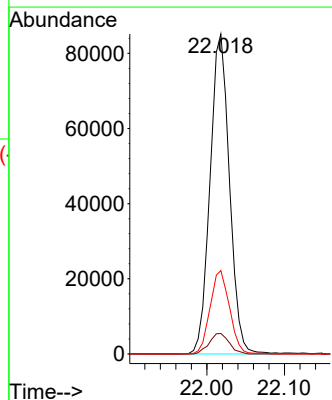
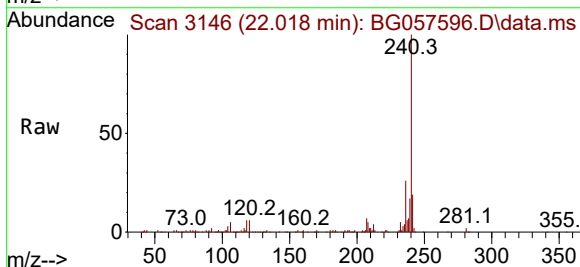
Instrument :
BNA_G
ClientSampleId :
PB153080BL

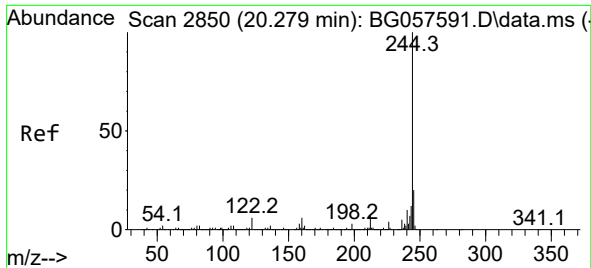
Tgt Ion:248 Resp: 7329
Ion Ratio Lower Upper
248 100
250 179.1 77.4 116.2#
141 414.5 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BG057596.D
Acq: 26 May 2023 23:15

Tgt Ion:240 Resp: 148286
Ion Ratio Lower Upper
240 100
120 6.4 5.2 7.8
236 26.1 21.4 32.0

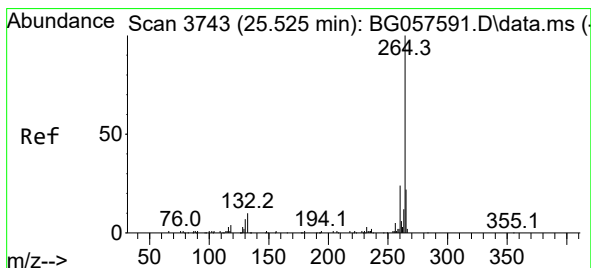
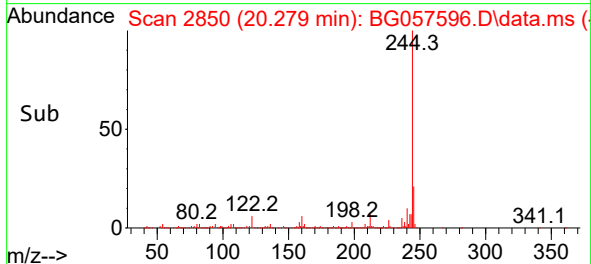
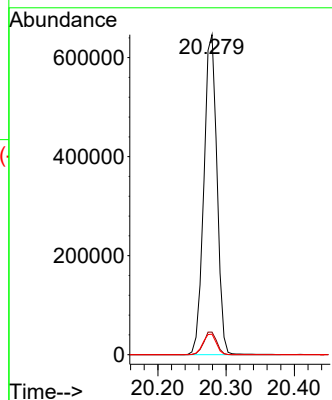
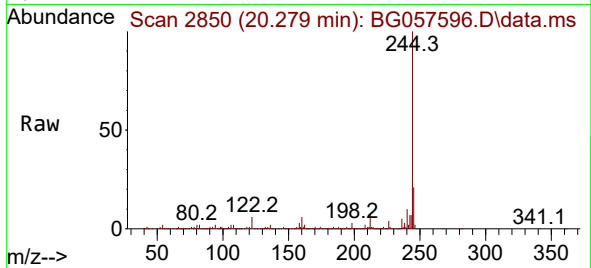




#79
 Terphenyl-d14
 Concen: 100.900 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057596.D
 Acq: 26 May 2023 23:15

Instrument :
 BNA_G
 ClientSampleId :
 PB153080BL

Tgt Ion:244 Resp: 863748
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.4 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.519 min Scan# 3742
 Delta R.T. -0.006 min
 Lab File: BG057596.D
 Acq: 26 May 2023 23:15

Tgt Ion:264 Resp: 158672
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.0 17.7 26.5

